

soil, dry. Slope incline: 10 degrees, N-NW. Rainfall: less than 300 mm. Dominant tree sp: *Crataegus*; Associated-M. *Sieversii*. Dominant shrub sp: *Amygdalus*; Assoc-*Cerasus*. Associated herbaceous: *Rheum*, *Tulipa*. Sampled 150 fruits from 1 tree. Fruit is hard with aromatic flesh flavor. Very clean. Same accession as GMAL 3971. Spur type tree.

PI 600571. *Malus sieversii* (Ledeb.) M. Roem.

Wild. Kaz 95 18-04; GMAL 3683. Collected 09/10/1995 in Kazakhstan. Latitude 42 deg. 53' 18'' N. Longitude 69 deg. 52' 52'' E. Elevation 910 m. Karatau Province. Boraldy River Forest area. 5 km. North of Boraldy Forest Camp which is 80 km. North of Chimkent. Xerophytic. Very stony soil, dry. Slope incline: 10 degrees, N-NW. Rainfall: less than 300 mm. Dominant tree sp: *Crataegus*; Associated-M. *Sieversii*. Dominant shrub sp: *Amygdalus*; Assoc-*Cerasus*. Associated herbaceous: *Rheum*, *Tulipa*. Sampled 150 fruits from 1 tree. Fruit is firm with aromatic flesh flavor. Over color is 70% red. Very Clean. Spur type tree.

PI 600572. *Malus sieversii* (Ledeb.) M. Roem.

Wild. Kaz 95 18-05; GMAL 3684. Collected 09/10/1995 in Kazakhstan. Latitude 42 deg. 53' 18'' N. Longitude 69 deg. 52' 52'' E. Elevation 910 m. Karatau Province. Boraldy River Forest area. 5 km. North of Boraldy Forest Camp which is 80 km. North of Chimkent. Xerophytic. Very stony soil, dry. Slope incline: 10 degrees, N-NW. Rainfall: less than 300 mm. Dominant tree sp: *Crataegus*; Associated-M. *Sieversii*. Dominant shrub sp: *Amygdalus*; Assoc-*Cerasus*. Associated herbaceous: *Rheum*, *Tulipa*. Sampled 70 fruits from 1 tree. Fruit is hard. Bears in large clusters. Very clean. Spur type tree.

PI 600573. *Malus sieversii* (Ledeb.) M. Roem.

Wild. Kaz 95 18-08; GMAL 3687. Collected 09/10/1995 in Kazakhstan. Latitude 42 deg. 53' 18'' N. Longitude 69 deg. 52' 52'' E. Elevation 910 m. Karatau Province. Boraldy River Forest area. 5 km. North of Boraldy Forest Camp which is 80 km. North of Chimkent. Xerophytic. Very stony soil, dry. Slope incline: 10 degrees, N-NW. Rainfall: less than 300 mm. Dominant tree sp: *Crataegus*; Associated-M. *Sieversii*. Dominant shrub sp: *Amygdalus*; Assoc-*Cerasus*. Associated herbaceous: *Rheum*, *Tulipa*. Sampled 150 fruits from 1 tree. Fruit is firm with aromatic flesh flavor, bruises easily. Very clean. Spur type tree.

PI 600574. *Malus sieversii* (Ledeb.) M. Roem.

Wild. Kaz 95 18-09; GMAL 3688. Collected 09/10/1995 in Kazakhstan. Latitude 42 deg. 53' 18'' N. Longitude 69 deg. 52' 52'' E. Elevation 910 m. Karatau Province. Boraldy River Forest area. 5 km. North of Boraldy Forest Camp which is 80 km. North of Chimkent. Xerophytic. Very stony soil, dry. Slope incline: 10 degrees, N-NW. Rainfall: less than 300 mm. Dominant tree sp: *Crataegus*; Associated-M. *Sieversii*. Dominant shrub sp: *Amygdalus*; Assoc-*Cerasus*. Associated herbaceous: *Rheum*, *Tulipa*. Sampled 200 fruits from 1 tree. Flesh flavor is aromatic. Very clean. Spur type tree.

PI 600575. *Malus sieversii* (Ledeb.) M. Roem.

Wild. Kaz 95 18-10; GMAL 3689. Collected 09/10/1995 in Kazakhstan. Latitude 42 deg. 53' 18'' N. Longitude 69 deg. 52' 52'' E. Elevation 910 m. Karatau Province. Boraldy River Forest area. 5 km. North of Boraldy Forest Camp which is 80 km. North of Chimkent. Xerophytic. Very stony